

is a check in the amount of \$460.00 for payment of the fee associated with this Petition, as set forth in 37 C.F.R. § 1.17, and authorization for the Commissioner to charge any additional fee or to credit any overpayment in connection with this Petition to Deposit Account No. 50-0836.

IN THE ABSTRACT:

Please amend the Abstract of the Disclosure such that it reads as follows:

Methods are disclosed for detecting genetic instability for apomixis in angiospermous plant, and for enhancing, genetically stabilizing, and controlling apomixis expression in such plants. Enhanced expression, stabilization, and control are achieved by converting a facultative apomict to obligate apomixis. Enhanced expression of apomixis is further achieved by increasing frequencies of unreduced egg formation and/or parthenogenesis. Genetic stabilization of apomixis is alternatively achieved by conferring mechanisms to a facultative apomict that, during facultative sexual seed formation, prevent the segregational loss of unique alleles at multiple loci, which cause apomixis, such that progeny produced sexually from the facultative apomict inherit the unique allelic combinations required to maintain apomixis. The disclosed methods are used in various combinations to produce